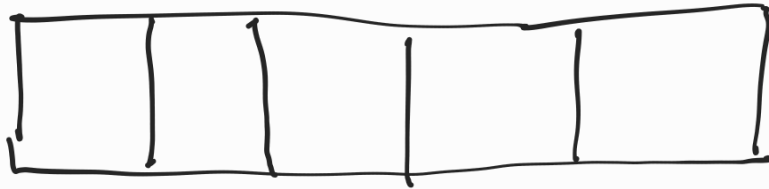


Circular queue:-

SIZE = 5

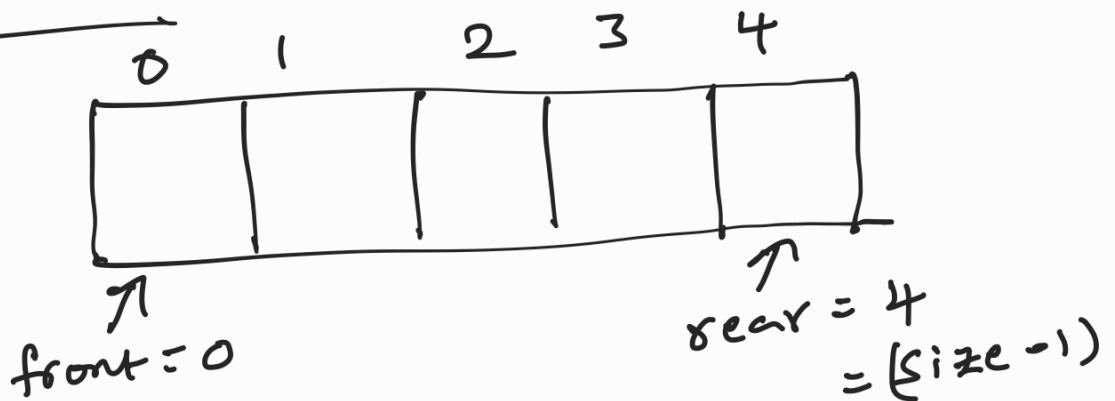
CASE 1:-

EMPTY:-



front = -1, rear = -1

FULL:-



→ 1. FRONT == 0 && REAR == (SIZE - 1)

✓ TO MAINTAIN CIRCULAR CONDITION

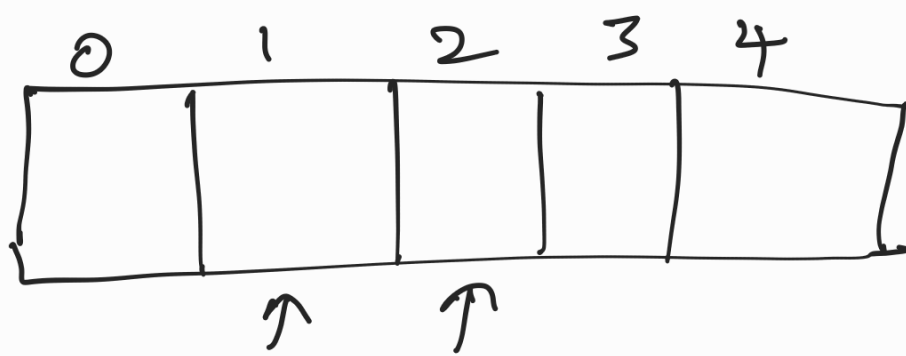
1. Dequeue()

↳ FRONT = 1,

2. REAR = 0

3. Enqueue()

↳ REAR = 0, FRONT = 1



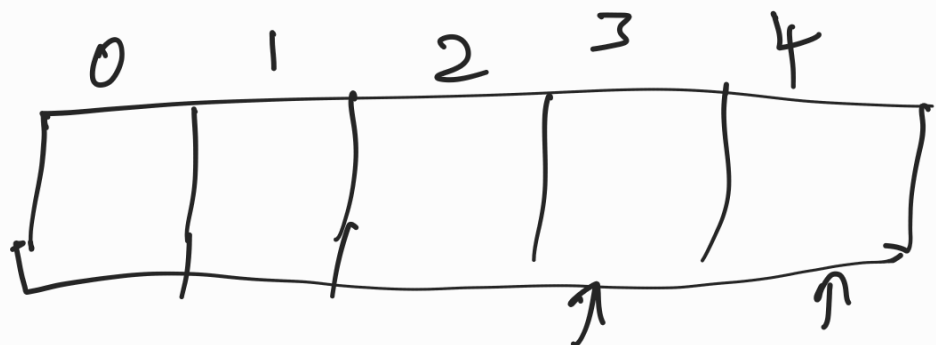
→ $REAR == FRONT - 1$

1. Dequeue()

↳ $FRONT = 3$

2. Enqueue()

↳ $REAR = 2, FRONT = 3$.



1. Dequeue()

↳ $FRONT = 0$

2. $REAR = 4$

AGAIN IT IS FULL CONDITION.

